



Mineral Industry Surveys

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IRON ORE IN APRIL 2003

U.S. mine production of iron ore in April 2003, on a daily average basis, was 7% higher than that of the prior month, according to the U.S. Geological Survey. Average daily production was 141 metric tons per day (t/d), compared with 132 t/d in March. Production in April 2002 was 128 t/d. Shipments increased by 174% compared with those of the previous month. Mine stocks at the end of the month were 6% lower than at the end of the previous month. Consumption data

for March 2003 and consumption and trade data for April 2003 will be included in a subsequent issue.

Note

All data in this report have been rounded to no more than three significant digits. Totals and percentages were calculated by using unrounded data.

TABLE 1
U.S. PRODUCTION AND SHIPMENTS OF IRON ORE^{1,2}
(Exclusive of ore containing 5% or more of manganese)

(Thousand metric tons)

Period	Production		Shipments	
	Monthly	Year to date	Monthly	Year to date
2002:				
April	3,840	14,400	4,360	10,400
May	4,850	19,200	5,320	15,800
June	4,870	24,100	5,810	21,600
July	4,430	28,500	5,720	27,300
August	4,580	33,100	5,530	32,800
September	4,270	37,400	4,910	37,700
October	4,650	42,000	4,790	42,500
November	4,740	46,800	4,480	47,000
December	4,700	51,500	5,040	52,000
2003:				
January	4,310	4,310	2,880	2,880
February	4,290	8,610	1,140	4,030
March	4,080	12,700	1,810	5,830
April	4,230	16,900	4,790	10,600

¹Data are rounded to no more than three significant digits.

²Excludes byproduct ores.

TABLE 2
U.S. PRODUCTION, SHIPMENTS, AND STOCKS OF IRON ORE IN APRIL^{1,2}

(Thousand metric tons)

State	Production		Shipments ³		Stocks ⁴	
	2003	2002	2003	2002	2003	2002
Michigan	976	851	1,120	1,160	2,420	1,810
Minnesota	3,250	2,990	3,670	3,200	7,080	5,940
Total	4,230	3,840	4,790	4,360	9,500	7,740

¹Data are rounded to no more than three significant digits; may not add to totals shown.

²Excludes byproduct ore.

³Includes rail and vessel.

⁴Includes mines, plants, and loading docks.

TABLE 3
CANADA: SHIPMENTS OF IRON ORE¹

(Thousand dry metric tons)

Period	Newfoundland	Quebec	British Columbia	Total
2002:				
March	1,060	771	5	1,840
April	1,490	913	9	2,410
May	2,390	1,240	8	3,630
June	1,530	828	6	2,370
July	2,290	1,020	7	3,320
August	1,770	940	9	2,720
September	1,970	1,250	7	3,220
October	2,040	1,180	8	3,220
November	2,100	1,390	7	3,500
December	1,100	1,020	5	2,120
Year total	18,900	11,900	91	30,800
2003:				
January	862	699	6	1,570
February	674	580	6	1,260
March	989	578	7	1,570

¹Data are rounded to no more than three significant digits; may not add to totals shown.

Source: Natural Resources Canada.

TABLE 4
U.S. EXPORTS OF IRON ORE, BY COUNTRY OF DESTINATION AND TYPE^{1, 2}

(Thousand metric tons)

Country of destination and type	2002	2003			
	4th quarter	January	February	March	1st quarter
Canada	1,470	431	166	161	758
Mexico	11	3	(3)	(3)	3
Other	1	(3)	(3)	(3)	(3)
Total	1,480	434	166	161	761
Pellets	1,460	430	166	161	757
Other	26	4	(3)	(3)	4
Total	1,480	434	166	161	761

¹Data are rounded to no more than three significant digits; may not add to totals shown.

²Includes agglomerates.

³Less than 1/2 unit.

Source: U.S. Census Bureau.

TABLE 5
U.S. IMPORTS FOR CONSUMPTION OF IRON ORE, BY COUNTRY AND TYPE^{1,2}
(Exclusive of ore containing 20% or more manganese)

Country of origin and type of product	2003					2002
	March		Year to date			January-March
	Thousand metric tons	Value ³ (thousand dollars)	Thousand metric tons	Value ³ (thousand dollars)	Value ³ (dollars per ton)	Thousand metric tons
Australia	67	580	128	1,110	8.61	67
Brazil	299	7,530	1,250	31,400	25.10	1,190
Canada	122	3,670	460	12,400	26.93	364
Chile	46	984	46	984	21.34	59
Norway	--	--	--	--	--	6
Peru	--	--	(4)	10	4,750.00	(4)
Other	--	--	3	140	47.16	63
Total	534	12,800	1,890	46,100	24.38 ⁵	1,740
Concentrates	123	2,180	123	2,180	17.62	59
Coarse ores	--	--	--	--	--	--
Fine ores	68	591	276	3,530	12.79	540
Pellets	343	10,000	1,320	37,300	28.21	1,050
Briquettes	--	--	--	--	--	28
Other agglomerates	--	--	166	2,920	17.60	67
Roasted pyrites	--	--	3	149	50.33	3
Total	534	12,800	1,890	46,100	24.38 ⁵	1,740

-- Zero.

¹Data, with the exception of the dollars per ton column, are rounded to no more than three significant digits; may not add to totals shown.

²Includes agglomerates.

³Customs value. Excludes cost, insurance, and freight valuation.

⁴Less than 1/2 unit.

⁵Weighted average calculated by dividing total value by total tonnage.

Source: U.S. Census Bureau.

TABLE 6
U.S. IMPORTS FOR CONSUMPTION OF IRON ORE IN MARCH 2003^{1,2}
(Exclusive of ore containing 20% or more manganese)

(Thousand metric tons)

Country of origin	Type of product						Total
	Concentrates	Coarse ores	Fine ores	Pellets	Briquettes and other agglomerates	Roasted pyrites	
Brazil	77	--	--	221	--	--	299
Canada	--	--	1	121	--	--	122
Other	46	--	67	--	--	--	113
Total	123	--	68	343	--	--	534

-- Zero.

¹Data are rounded to no more than three significant digits; may not add to totals shown.

²Includes agglomerates.

Source: U.S. Census Bureau.

TABLE 7
U.S. IMPORTS FOR CONSUMPTION OF PELLETS, BY COUNTRY¹

Country of origin	2003					2002
	March		Year to date			January-March
	Thousand metric tons	Value ² (thousand dollars)	Thousand metric tons	Value ² (thousand dollars)	Value ² (dollars per ton)	Thousand metric tons
Brazil	221	6,330	957	26,700	\$27.87	683
Canada	121	3,660	365	10,600	29.13	364
Total	343	10,000	1,320	37,300	28.21 ³	1,050

¹Data, with the exception of the dollars per ton column, are rounded to no more than three significant digits; may not add to totals shown.

²Customs value. Excludes cost, insurance, and freight valuation.

³Weighted average calculated by dividing total value by total tonnage.

Source: U.S. Census Bureau.

TABLE 8
U.S. IMPORTS FOR CONSUMPTION OF IRON ORE,
BY CUSTOMS DISTRICT^{1,2}
(Exclusive of ore containing 20% or more manganese)

(Thousand metric tons)

Customs district	March	January-March	
	2003	2003	2002
Baltimore, MD (13)	213	781	836
Buffalo, NY (09)	1	1	--
Charleston, SC (16)	53	77	24
Chicago, IL (39)	--	26	--
Columbia - Snake, OR (29)	--	--	28
Houston - Galveston, TX (53)	--	37	17
Laredo, TX (23)	--	--	11
Los Angeles, CA (27)	--	(3)	(3)
Miami, FL (52)	--	--	(3)
Mobile, AL (19)	--	59	6
New Orleans, LA (20)	268	907	809
Philadelphia, PA (11)	--	3	3
San Juan, PR (49)	--	--	10
Total	534	1,890	1,740

-- Zero.

¹Data are rounded to no more than three significant digits; may not add to totals shown.

²Includes agglomerates.

³Less than 1/2 unit.

Source: U.S. Census Bureau.

TABLE 9
U.S. IMPORTS FOR CONSUMPTION OF PELLETS,
BY CUSTOMS DISTRICT¹

(Thousand metric tons)

Customs district	March	January-March	
	2003	2003	2002
Baltimore, MD (13)	68	289	339
Charleston, SC (16)	53	77	24
Houston-Galveston, TX (53)	--	37	17
Laredo, TX (23)	--	--	11
Mobile, AL (19)	--	59	--
New Orleans, LA (20)	221	860	655
Total	343	1,320	1,050

--Zero.

¹Data are rounded to no more than three significant digits; may not add to totals shown.

Source: U.S. Census Bureau.